

## **ABSTRACT OF THE DISCLOSURE**

A hose reel device includes a casing having a box received therein and a mandrel located in the box so that a hose is wrapped on the mandrel. A side plate is connected to an end of the box and a coil spring is disposed to the side plate. A transmission gear set located between the box and the side plate. The transmission gear set includes a first gear co-axially connected to an axle of the mandrel, and a second gear is co-axially connected to the coil spring and engaged with the first gear. A resistance gear set is engaged with the first gear and includes a clutch member which disengages the rotational movement of the first gear from the resistance gear set when pulling the hose out from the casing and connects the rotational movement of the first gear to the resistance gear set when retrieving the hose.